CIES216

16-port Layer 2 100M DIN Rail Unmanaged Industrial Ethernet Switch

- 16 x 10/100Base-T(X) ports (RJ45 connector)
- Support Jumbo frame transmission, the maximum frame length is 2kbyte
- Support half-duplex back-pressure or full-duplex EEE802.3x flow control
- Support single AC85V~264V/DC110V~370V power supply, or dual DC9V~60V redundant power input
- High strength metal shell, IP40 protection, fan-less design
- -40 ℃~+75 ℃ working temperature

Product Description

CIES216 is a 16-port 100M unmanaged industrial Ethernet switch for industrial communication network applications. It is mainly used for simple plug-and-play applications. This series of products provides 16*100M copper ports and supports optional power solutions such as DC power input or AC power input. Each 100M copper port has 10/100M adaptive function, supports full-duplex or half-duplex mode, and can support MDI/MDI-X connection, providing a strong guarantee for industrial automation and making industrial communications smoother and more reliable and faster, it meets customers' needs for continuous innovation to improve value-added applications. The product features selected industrial-grade components, easy installation on 35mm din rails, high-strength metal casing, sturdy and durable, fanless casing for heat dissipation, -40℃~+75℃ wide temperature operation , high-standard industrial protection design, able to adapt to various harsh working environments, with stable communication performance. The products can be widely used in industrial automation, integrated energy, smart cities, smart transportation, smart factories and other industrial fields.
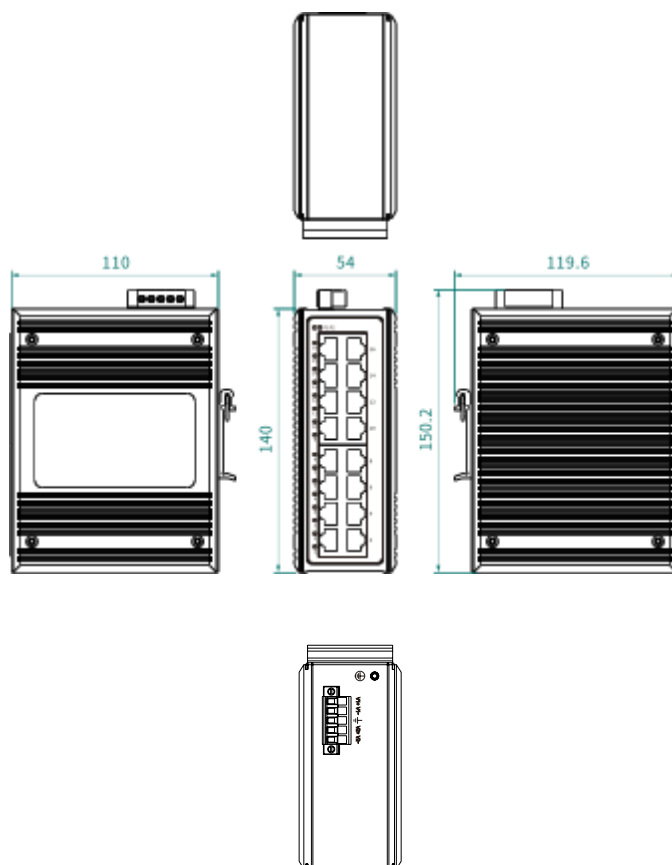
Technical Specifications

Protocol Standard	
IEEE Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Switch capability	
Backplane Bandwidth	3.2Gbps
Buffer Size	768kbit
Jumbo frame	2kbyte
Mac Address Table	8K
Interface	
100M Copper	16 x 10/100Base-T(X) auto-sensing RJ45 port, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power LED Copper port LED
Power Supply	
Power Input	DC model: DC9V~60V, dual power supply redundancy, reverse connection protection AC model: AC85V~264V or DC110V~370V
Power Consumption	<2W@DC24V
Connection	5.08mm pitch 5-pin terminal block
Physical Characteristics	
Dimensions	140 × 54 × 110mm (DIN rail mounting clip excluded)
Installations	35mm standard DIN-rail mounting
Shell protection	IP40
Weight	About 0.61kg
Working Environment	
Operating Temperature	-40℃~+75℃

Storage Temperature	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 ※The network port supports 6kV lightning protection IEC 61000-4-4 (EFT): Level 4
Certification	CE, FCC, RoHS

Dimensions

Unit: mm

Ordering Information

Standard Model	100M Copper Port	Input Voltage
CIES216	16	Dual DC9V-60V power input
CIES216-AD220	16	Single AC85V~264V or DC110V~370V

Contact Us

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